Ministry of Natural Resources
Ontario

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

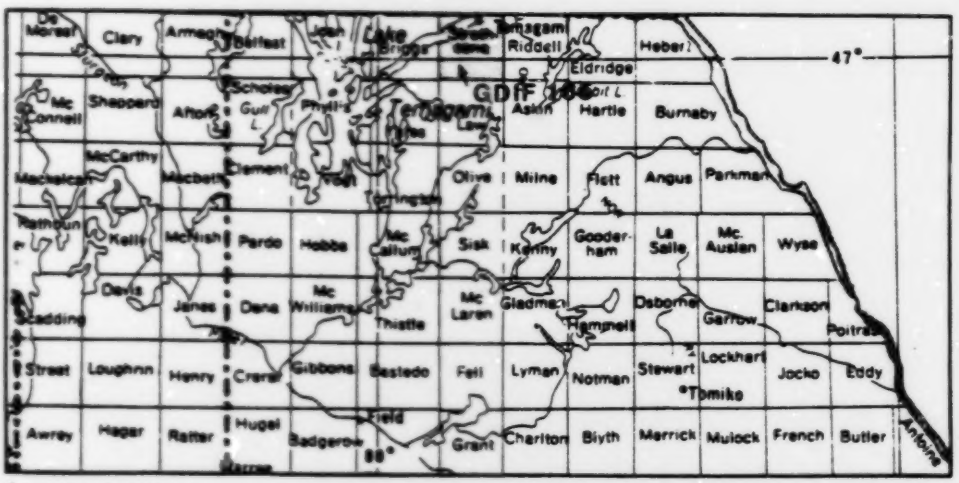
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 165

# STRATHCONA TOWNSHIP

DISTRICT OF NIPISSING

Compiled by the Staff of
the Resident Geologist's Office
Cobalt




LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

85-1186/

NTS Number 31M/4 and part of 31L/13

Mining Claim Map Number M-595

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STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1984: Strathcona Township, District of Nipissing; Ontario Geological Survey Geological Data Inventory Folio 165 , compiled by the staff of the Resident Geologist's Office, Cobalt, 58 pages and 3 maps.

Original Compilation by: Patricia Anderson, February 27, 1984

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STRATHCONA TOWNSHIP

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**ACCOMPANYING MAPS**

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Map Scale 1:31 680 or 1 inch to ½ mile

# CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

| CONVERSION FROM SI TO IMPERIAL | | | CONVERSION FROM IMPERIAL TO SI | | |
|---|---|---|---|---|---|
| *SI Unit* | *Multiplied by* | *Gives* | *Imperial Unit* | *Multiplied by* | *Gives* |
| | | | **LENGTH** | | |
| 1 mm | 0.039 37 | inches | 1 inch | **25.4** | mm |
| 1 cm | 0.393 70 | inches | 1 inch | **2.54** | cm |
| 1 m | 3.280 84 | feet | 1 foot | **0.304 8** | m |
| 1 m | 0.049 709 7 | chains | 1 chain | 20.116 8 | m |
| 1 km | 0.621 371 | miles (statute) | 1 mile (statute) | **1.609 344** | km |
| | | | **AREA** | | |
| 1 $cm^2$ | 0.155 0 | square inches | 1 square inch | **6.451 6** | $cm^2$ |
| 1 $m^2$ | 10.763 9 | square feet | 1 square foot | **0.092 903 04** | $m^2$ |
| 1 $km^2$ | 0.386 10 | square miles | 1 square mile | 2.589 988 | $km^2$ |
| 1 ha | 2.471 054 | acres | 1 acre | 0.404 685 6 | ha |
| | | | **VOLUME** | | |
| 1 $cm^3$ | 0.061 02 | cubic inches | 1 cubic inch | **16.387 064** | $cm^3$ |
| 1 $m^3$ | 35.314 7 | cubic feet | 1 cubic foot | 0.028 316 85 | $m^3$ |
| 1 $m^3$ | 1.308 0 | cubic yards | 1 cubic yard | 0.764 555 | $m^3$ |
| | | | **CAPACITY** | | |
| 1 L | 1.759 755 | pints | 1 pint | 0.568 261 | L |
| 1 L | 0.879 877 | quarts | 1 quart | 1.136 522 | L |
| 1 L | 0.219 969 | gallons | 1 gallon | **4.546 090** | L |
| | | | **MASS** | | |
| 1 g | 0.035 273 96 | ounces (avdp) | 1 ounce (avdp) | 28.349 523 | g |
| 1 g | 0.032 150 75 | ounces (troy) | 1 ounce (troy) | **31.103 476 8** | g |
| 1 kg | 2.204 62 | pounds (avdp) | 1 pound (avdp) | **0.453 592 37** | kg |
| 1 kg | 0.001 102 3 | tons (short) | 1 ton (short) | **907.184 74** | kg |
| 1 t | 1.102 311 | tons (short) | 1 ton (short) | **0.907 184 74** | t |
| 1 kg | 0.000 984 21 | tons (long) | 1 ton (long) | **1016.046 908 8** | kg |
| 1 t | 0.984 206 5 | tons (long) | 1 ton (long) | 1.016 046 908 8 | t |
| | | | **CONCENTRATION** | | |
| 1 g/t | 0.029 166 6 | ounce (troy)/ ton (short) | 1 ounce (troy)/ ton (short) | 34.285 714 2 | g/t |
| 1 g/t | 0.583 333 33 | pennyweights/ ton (short) | 1 pennyweight/ ton (short) | 1.714 285 7 | g/t |

**OTHER USEFUL CONVERSION FACTORS**

| | | |
|---|---|---|
| 1 ounce (troy)/ton (short) | 20.0 | pennyweights/ton (short) |
| 1 pennyweight/ton (short) | 0.05 | ounce (troy)/ton (short) |

**One gram(g) per tonne is equivalent to one part per million (1 ppm).**

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

# DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

| | SOURCES OF DATA | Data | Initial |
|---|---|---|---|
| 1 | Resident Geologist's Office Files | Yes | D.P.A. |
| 2 | Assessment Files Research Office, Toronto | Yes | D.P.A. |
| 3 | ODM General Index; 7 volumes | Yes | D.P.A. |
| 4 | Catalogue of Airborne Geophysical Surveys (ODM) | Yes | D.P.A. |
| 5 | ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars | Yes | D.P.A. |
| 6 | ODM Industrial Mineral Reports | Yes | D.P.A. |
| 7 | Bibliography of Post Precambrian Theses - Karrow (ODM MP 1) | No | D.P.A. |
| 8 | Bibliography of Precambrian Theses - Ginn (ODM MP 2) | Yes | D.P.A. |
| 9 | Newspaper Clippings File | Yes | D.P.A. |
| 10 | GSC Index to Publications | Yes | D.P.A. |
| 11 | OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77 | Yes | D.P.A. |
| 12 | OGS Index Maps | Yes | D.P.A. |
| 13 | Source Mineral Deposit Records (O.G.S.) | Yes | D.P.A. |
| 14 | Author - Subject Articles File | No | D.P.A. |
| 15 | Miscellaneous Papers: ODM & OGS | Yes | D.P.A. |
| 16 | ODM Geological Circulars: OGS Study Series | Yes | D.P.A. |
| 17 | ODM Preliminary Reports: ODM Bulletins | Yes | D.P.A. |
| 18 | ODM – OGS Open File Reports | Yes | D.P.A. |
| 19 | OGS Northern Ontario Engineering Geology Terrain Studies | Yes | D.P.A. |
| 20 | OGS Aggregate Resources Inventory Papers | N.A. | D.P.A. |
| 21 | OGS Mineral Potential Maps | Yes | D.P.A. |
| 22 | Theses on File, Cobalt | No | D.P.A. |
| 23 | Aerial Photographs on File, Toronto | Yes | D.P.A. |
| 24 | Catalogue of Cobalt Area Rock and Mineral Samples, ODMNA OFR 5056 | Yes | D.P.A. |
| | | | |

# METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite
△ ank. . . . . .Ankerite
△ anna . . . . . Annabergite
△ ap. . . . . .Apatite
△ arg . . . . . Argentite
△ As . . . . . .Arsenic
▲ asp . . . . . .Arsenopyrite
△ asb . . . . . .Asbestos
△ ba. . . . . .Barite
△ be. . . . . .Beryl
△ Bi. . . . . .Bismuth
△ bn . . . . . .Bornite
△ bran . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . Cadmium
△ calc. . . . . .Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
△ cc. . . . . .Chalcocite
▲ cp. . . . . .Chalcopyrite
▲ ch. . . . . .Chert
△ clay . . . . . .Clay
▲ Co . . . . . Cobalt
△ cob. . . . . Cobaltite
△ cb. . . . . .Columbite
▲ Cu . . . . . .Copper
△ cor . . . . . Corundum
△ dol . . . . . Dolomite
△ ep. . . . . Epidote
△ ery . . . . . Erythrite
△ fel . . . . . .Feldspar
△ fl . . . . . .Fluorite (flurospar)
△ fu. . . . . .Fuchsite
▲ gn. . . . . .Galena
▲ gt. . . . . .Garnet
△ goe . . . . . .Goethite
▲ Au . . . . . Gold
▲ gf. . . . . .Graphite
△ gl . . . . . Gravel
△ gyp. . . . . .Gypsum
▲ hem . . . . . Hematite
△ il . . . . . .Ilmenite
△ Fe . . . . . .Iron
▲ IF. . . . . Iron Formation
▲ jas . . . . . Jasper
△ kaol . . . . . .Kaolinite (kaolin)
△ ky . . . . . Kyanite
▲ Pb . . . . . Lead
△ lim . . . . . Limonite
△ Li. . . . . Lithium
△ mgst . . . . . .Magnesite
▲ mag . . . . . .Magnetite
△ mc . . . . . Malachite
△ Mn . . . . . Manganese
△ mb . . . . . .Marble
▲ mar. . . . . Marcasite
△ ma . . . . . .Marl
▲ mi . . . . . Mica
△ ml . . . . . .Millerite
△ mo . . . . . .Molybdenite
△ Mo . . . . . .Molybdenum
△ mon . . . . . Monazite
△ ne. . . . . Nephelite (nepheline)
△ nc. . . . . .Niccolite
▲ Ni. . . . . Nickel
▲ Nb . . . . . .Niobium
△ Pd . . . . . .Palladium
△ peat . . . . . .Peat
△ pent . . . . . .Pentlandite
△ Pt. . . . . .Platinum
▲ py . . . . . .Pyrite
△ pyl . . . . . Pyrochlore
△ pyrl . . . . . .Pyrolusite
▲ po . . . . . .Pyrrhotite
△ q . . . . . .Quartz
△ qcv . . . . .Quartz carbonate vein
△ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . , Sand
△ sgl . . . . . Sand and gravel
△ ss . . . . . .Sandstone
△ scap . . . . . Scapolite
△ shee . . . . . .Scheelite
△ serp . . . . . Serpentine
△ sh. . . . . .Shale
△ sid . . . . . Siderite
△ si . . . . . .Silica
▲ Ag . . . . . .Silver
△ sl . . . . . Slate
△ sm . . . . . .Smaltite
△ sod . . . . . .Sodalite
△ spec . . . . . .Specularite
▲ sp. . . . . .Sphalerite
△ spd . . . . . .Spodumene
△ staur . . . . . .Staurolite
△ stib. . . . . Stibnite
△ st . . . . . .Stone
△ talc. . . . . .Talc
△ Te . . . . . .Tellurium
△ td. . . . . Tetrahedrite
△ th. . . . . .Thorite
△ Th . . . . . .Thorium
△ thuc . . . . . Thucholite
△ ti . . . . . Titanite
△ Ti. . . . . Titanium
▲ tour . . . . . .Tourmaline
△ trap . . . . . .Trap rock
△ W. . . . . Tungsten
△ uran . . . . . Uraninite
▲ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
▲ Y . . . . . Yttrium
▲ Zn . . . . . .Zinc
△ zr. . . . . Zircon
▲Ce . . . . . .Cerium
▲La . . . . . Lanthanum
▲S . . . . . Sulphur & pyrites
▲Sr. . . . . Strontium
▲Yb. . . . . .Ytterbium

**Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.**

## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| A. | Diadem Mines Ltd. | Cu, Ni - major | N 0045 | MDC 2, p. 108<br>MDC 12, p. 202-203<br>Cu 8<br>T-12 | ODM, 1942, vol. 51, pt. 6, p. 14, 24<br>ODM, 1942, Map 51e<br>OGS, 1976, Map 2324<br>OGS, 1978, Report 163, pp. 110-111<br>SMDR File #00815, Toronto<br>Northern Miner, Aug. 23/56<br>Strathcona Twp. AF,<br>Candela Development Co. Ltd.<br>Copperfields Mining Corp. Ltd., O'Conner option<br>Diadem Mines Ltd.<br>Keevil Mining Group Ltd., O'Conner Group |
| B. | Firby, L.C. Property (Graber, K.) | Cu - major Au, Zn, Pb, Ni, Co - minor | N 0041 | MDC 2, p. 108<br>MDC 12, p. 203<br>T-16 | ODM, 1942, vol. 51, pt. 6,<br>ODM, 1965, Map P. 321<br>OGS, 1976, Map 2324<br>OGS, 1978, Report 163, pp. 11-112<br>Strathcona Twp. AF,<br>Newkirk Mining Corp. Ltd.<br>Royal Mining Corp.<br>Smith, Danielson, Lee<br>St. Joseph Explorations Ltd.<br>Vinnie Mines Ltd. |

GDIF FORM NO. 1

## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| C. | Milestone Mines Ltd. (O'Conner) | S, Cu, Ni, - major Zn, Au - minor | N 0037 | MDC 2, p. 110<br>MDC 12, pp. 203-204, 210<br>MDC 5, p. 41<br>T-21 | Reported shipments from open pit during WW I<br>ODM, 1942, vol. 51, pt. 6, p. 14, 24<br>ODM, 1942, Map 51e<br>ODM, 1965, Map P. 321<br>OGS, 1976, Map 2324<br>OGS, 1978, Report 163, pp. 112-113<br>Northern Miner, June 21/56<br>Strathcona Twp. AF,<br>Candela Development Co.Ltd.<br>Stull, W.W. |
| D. | Perron Gold Mines Ltd. (Lowell Lake; Savard, L.) | Cu, Zn - major Ni, Co, Pb, Ag, Au - minor | N 0042 | MDC 2, p. 114<br>MDC 12, p. 204<br>T-32 | ODM, 1942, vol. 51, pt. 6<br>ODM, 1965, Map P. 321<br>OGS, 1970, Map P. 596<br>OGS, 1976, Map 2324<br>OGS, 1978, Report 163, pp. 115-116<br>Northern Miner, December 1, 1955<br>Strathcona Twp. AF,<br>Manbar Explorations Ltd.<br>Smith, Danielson, Lee<br>St. Joseph Explorations Ltd., Lowell Lake Area<br>Vinnie Mines Ltd. |

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## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| E. | Byberg-Wilkinson Property (Cobalt Consolidated, Agnico Mines) | Cu - major | N 0039 | MDC 2, p. 119<br>MDC 12, p. 210 | ODM, 1942, vol. 51, pt. 6<br>ODM. 1942, Map 51e<br>OGS, 1976, Map 2324<br>OGS, 1978, Report 163, pp. 109-110<br>Strathcona Twp. AF,<br>Cobalt Consolidated Mining Corp. Ltd., Byberg-Wilkinson option<br>Johnson, Harold O.<br>St. Joseph Explorations Ltd., Herridge Creek Property |
| F. | Sherman Mine | IF | | MDC 11, p. 279 | ODM, 1942, vol. 51, pt. 6<br>ODM, 1942, Map 51e<br>ODM, 1965, Map P. 321<br>GSC, 1965, Map 1491G<br>Strathcona Twp. AF,<br>Cliffs of Canada Ltd.<br>Dominion Foundaries & Steel Co. Ltd.<br>Ibsen Cobalt Silver Mines Ltd.<br>McCall<br>Sherman Mine<br>Strathagami Mines Inc. |

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## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| G. | Andoney | Cu, sp | | MDC 12, p. 210 | ODM, 1970, Map P. 596<br>Strathcona Twp. AF,<br>Andoney, P.J.<br>MacWilliams, E.<br>Perron Gold Mines Ltd.<br>St. Joseph Explorations Ltd., Lowell Lake Area<br>Trebor Mines Ltd., Perron option<br>Vinnie Mines Ltd. |
| H. | Copperfields | Cu, Au - major | N 0046 | MDC 12, p. 210<br>MDC 18, p. 28<br>OFR 5156, p. 45 | ODM, 1976, Map 2324<br>ODM, 1978, Report 163, pp. 110-111<br>OMNR, Sudbury: Strathcona Twp., Copperfields Mining Corp. Ltd. - 1967<br>Strathcona Twp. AF,<br>Candela Development Co. Ltd.<br>Copperfields Mining Corp. Ltd., O'Conner option<br>Diadem Mines Ltd.<br>Keevil Mining Group Ltd., O'Conner Group |

GDIF FORM NO. 1

## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| I. | Geo-Scientific Prospectors | Cu | | MDC 12, p. 210 | Strathcona Twp. AF,<br>Candela Development Co. Ltd.<br>Diadem Mines Ltd.<br>Geo-Scientific Prospectors Ltd.<br>Keevil Mining Group Ltd., O'Conner Group |
| J. | New Minda-Scotia | Cu | | MDC 12, p. 210 | Strathcona Twp. AF,<br>New Minda-Scotia Mines Ltd |
| K. | Smith, Danielson, Lee | Cu | | MDC 12, p. 210 | ODM, 1970, Map P. 596<br>Strathcona Twp. AF,<br>Manbar Explorations Ltd.<br>Smith, Danielson, Lee<br>St. Joseph Explorations Ltd., Lowell Lake option<br>Vinnie Mines Ltd. |
| L. | Strathcona Township Float | Ag | | MDC 17, p. 95 | ODM, 1970, Map P. 596 |

GDIF FORM NO. 1

## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| M. | Jessie Lake Occurrence | Au, Cu - major<br>Ag, Zn - minor | N 0043 | MDC 18, p. 28<br>OFR 5156, p. 45 | ODM, 1970, Map P. 596<br>ODM, 1976, Map 2324<br>Strathcona Twp. AF,<br>Foxdale |
| N. | Pingue Lake Occurrence | Au, Ag, Cu - major<br>Pb - minor | N 0044 | MDC 18, p. 28<br>OFR 5156, p. 45 | OGS, 1970, Map P. 596<br>OGS, 1976, Map 2324<br>OGS, 1978, Report 163, pp. 113-114 |
| O. | J.P. Neil Occurrence | Ce, La, U - minor | | MDC, 25, p. 95<br>MDC 9, p. 64<br>OFR 5386, pp. 8-9<br>ODMNA SMDR | GSC, 1952, Econ. Geol. Series No. 16, p. 51<br>ODM, 1977, Map 2361<br>Strathcona Twp. AF,<br>Foxdale |
| P. | Karol Lake | Ce, La - major<br>Sr, Nb, Y, Yb - minor | N 0047 | | OGS, 1970, Map P. 596<br>OGS, 1976, Map 2324<br>OGS, 1978, Report 163, pp. 55-57<br>Strathcona Twp. AF,<br>Foxdale<br>Vinnie Mines Ltd. |

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## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| Q. | Portage Bay | Ag - major<br>Au - minor | N 0048 | | OGS, 1976, Map 2324<br>OGS, 1978, Report 163, pp. 54, 114<br>Strathcona Twp. AF,<br>Keevil Mining Group Ltd., O'Conner Group |
| R. | Sabourin, R. | Ni, Cu - major<br>Au, Ag - minor | N 0049 | | OGS, 1976, Map 2324<br>OGS, 1978, Report 163, pp. 114-115 |
| S. | Savard, L. | Cu, Zn - major<br>Ag, Pb, Ni, gt - minor | | | OGS, 1970, Map P. 596<br>OGS, 1976, Map 2324<br>OGS, 1978, Report 163, pp. 114-115<br>Strathcona Twp. AF,<br>MacWilliam, E.<br>St. Joseph Exploration Ltd., Lowell Lake-Savard Lake option |
| T. | South shore of Pingue Lake | py | | | ODM, 1970, Map P. 596 |
| U. | East of source of Herridge Creek, 500 m west of Strathcona & Riddell Twp. border | py | | | ODM, 1970, Map P. 596 |

GDIF FORM NO. 1

10 STRATHCONA TOWNSHIP

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT | COMPANY/AUTHOR (file number) | GEOLOGICAL | GEOCHEMICAL | TRENCHING. STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| 1 | Andoney, P.J. [1953], (Lebel, 1920's) | | | 20's | | | | 53 | | | | | | | | | | | | |
| 2 | Armex Ltd. | | | | 67 | | | | | | | | | | | | | | | |
| 3 | Armstrong, James E. | | | 70 | | | | | | | | | | | | | | | | |
| 4 | Cobalt Consolidated Mining Corp. Ltd. - Byberg-Wilkinson Option | | | | 55<br>56 | | | | | | | | | | | 56 | | | | |
| 5 | Cobalt Consolidated Mining Corp. Ltd. - North Centre Group AFRO #63-789 | | | | 55<br>56<br>65<br>67<br>70 | 55<br>56 | | | | | | | | 56 | | 56 | | | | |

GDIF FORM NO. 7

STRATHCONA TOWNSHIP

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT<br>COMPANY/AUTHOR (file number) | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| 6 | Copperfields Mining Corp. Ltd., O'Connor AFRO #63-279, 2-165, 63A-477 | 66 | | | 65<br>67<br>70 | 67<br>70 | | 70 | | 70 | | 70 | 70 | | | | | | | |
| 7 | Diadem Mines Ltd. | | | | 56 | 56 | | 56 | | | | | | | | | | | | |
| 8 | Candela Development Co. Ltd. | | | | 52 | 52 | | | | | | 52 | | | | | | | | |
| 9 | Newkirk Mining Corp. Ltd., Firby option AFRO #63-610 | | | | 55<br>57 | 55 | | 54<br>55<br>57 | | | | 55 | | | | | 55 | | | |
| 10 | Foxdale AFRO #2-1108 | 72 | | | 72 | | | 72<br>73<br>76 | | | | | 72 | | | 72 | | | | |

GOIF FORM NO. 2

12 STRATHCONA TOWNSHIP

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT<br>COMPANY/AUTHOR (file number) | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| 11 | Geo-Scientific Prospectors Ltd.<br>AFRO #63-1065 | | | | 60 | | | | | | | | | | | | | | | |
| 12 | Vinnie Mines Ltd.<br>(Karl Graber)<br>AFRO #63-2520, 63-2830 | 69 | | | 70 | 69 | | 69<br>70<br>71 | | | | 69 | | | | | | | | |
| 13 | Halonen, John E. | | | | 77 | | | | | | | | | | | | | | | |
| 14 | Johnson, Harold O. | | | 70<br>73 | | | | | | | | | | | | | | | | |
| 15 | MacWilliam, E. | | | 56 | | | | | | | | | | | | | | | | |
| 16 | McCall | | | 57 | | | | | | | | | | | | | | | | |

GDIF FORM NO. 2

STRATHCONA TOWNSHIP

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT<br>COMPANY/AUTHOR (file number) | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| 17 | Manbar Explorations Ltd.<br>AFRO #2-871, 2-146 | 72 | | | | | | | 72 | | | 72 | 72 | | | | | | | |
| 18 | Niemetz Base Metal Mines Ltd.<br>AFRO #63-389 | | | | | | | 53 | | | | | | | | | 53 | | | |
| 19 | New Minda-Scotia Mines Ltd., Briggs & Strath-cona Twp. | | | | 57 | 57 | | | | | | | | | | | | | | |
| 20 | Nickel Rim Mines Ltd.<br>AFRO #63-1906 | | | | 66 | 66 | | 66 | | | | 66 | | | | | | | | |
| 21 | Perron Gold Mines Ltd. | 56 | | | | | | 55<br>57 | | | | | | | | | | | | |
| 22 | Royal Mining Corp.<br>AFRO #2-892<br>OGS AF Strathcona No. 24 | | | | 73 | | | 72 | | | | | 72 | | | | | | | |

GDIF FORM NO. 2

14 STRATHCONA TOWNSHIP

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| | COMPANY/AUTHOR (file number) | | | | | | | | | | | | | | | | | | | |
| 23 | Smith, Danielson, Lee | | | | 59 | 59 | | | | | | | | | | | | | | |
| 24 | St. Joseph Explorations Ltd., Lowell Lake Area, Savard Option AFRO #2-3525, 2-2360, 2-2519, 2-2571, 2-2680 | 78 | 80 | | 78 | 78 | | 77<br>78<br>81 | | 77 | | 77<br>78 | 77<br>78<br>80 | | | | | | | |
| 25 | St. Joseph Explorations Ltd., Herridge Creek Property AFRO #2-2672 | 77 | | | | | | | | | | | | | | | | | | |
| 26 | St. Joseph Explorations Ltd., Wagkich Lake Area AFRO #2-2725 | | | | 78 | 78 | | | | | | 77 | 77 | | | | | | | |

GDIF FORM NO. 2

STRATHCONA TOWNSHIP

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT<br>COMPANY/AUTHOR (file number) | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| 27 | Strathagami Mines Inc. [1961] subsiduary of Cliffs of Canada Ltd. developed Sherman Mine property<br>Sherman Mines owned by Dominion Foundary & Steel Co. Ltd. (Dofasco) & Tetapaga Mining Co. Ltd. and operated by Cliffs of Canada Ltd.<br>AFRO #63A-527<br>Chambers, Strathy, Briggs & Strathcona Twp. | 67 | | 65-84 | 60<br>61<br>68<br>75<br>78<br>79<br>81 | 78<br>79<br>81 | | 60 | | | | | | | | | | | | |
| 28 | Stull, Wm. Walter | | | 17 | 17 | | | 72 | | | | | | | | | | | | |
| 29 | Temagami Mining Co. Ltd. | | | | 56 | | | | | | | | | | | | | | | |
| 30 | Temanda Mines Ltd. (Firby option) | | | | 57? | | | 57<br>63<br>64 | | | | 57 | ? | | | | | | | |

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT<br>COMPANY/AUTHOR (file number) | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| 31 | Trebor Mines Ltd., Perron option AFRO #63-667 | 56 | | 55<br>56 | | | | 56 | | | | 55 | 55<br>55? | | | | 55 | | | |
| 32 | Copperfields Mining Corp. Ltd., Savard option AFRO #2-1422 | | | | | | | | | | | 74 | 74 | | | | | | | |
| 33 | Keevil Mining Group Ltd., O'Connor Group, Strathy, Strathcona & Cassels Twp. AFRO #63-1764 | | | | | | | | | 65 | | | 59-60 | | | | | | | |
| 34 | Keevil Mining Group Ltd., South Tetapaga Group, Briggs & Strathcona Twp. AFRO #63-1063 | | | | | | | | | | | | 60 | | | | | | | |

GDIF FORM NO. 2

STRATHCONA TOWNSHIP

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| COMPANY/AUTHOR (file number) | | | | | | | | | | | | | | | | | | | |
| 35 | Metron Exploration Ltd., Irwin Schubert, Strathcona & Riddell Twp. | | | | | | | | | | | 72 | 72 | | | | | | |
| 36 | Young, E.J. | | | | | | | 36 | | | | | | | | | | | |
| 37 | Ibsen Cobalt Silver Mines Ltd., Strathy, Strathcona, Briggs & Chambers Twp. AFRO #63-900 | 57 | | | | | | 57<br>60 | | | | 57 | | | | | | | |

GDIF FORM NO. 2

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 1a | Armex Ltd. | 1 | 1967 | - | -90 | - | 60 | hem, cp, Zn | |
| 1b | | 2 | 1967 | 120 | -45 | - | 160 | cp, hem, py | |
| 2a | Cobalt Consolidated Mining Corp. Ltd. (Byberg-Wilkinson Property) | 1 | 1955 | 285 | -45 | 3 | 84 | cp, py, po | Au |
| 2b | | 2 | 1955 | 285 | -60 | 3 | 78 | po, sp, ch, py, cp | |
| 2c | | 3 | 1955 | 240 | -45 | 5 | 159 | po | |
| 3a | Cobalt Consolidated Mining Corp. Ltd. (Byberg-Wilkinson Property) | B1B4 | 1956 | 090 | -45 | 7 | 283 | cp, py, po, | Au, Ag, Cu, Ni |
| 3b | | B1B5 | 1956 | 270 | -45 | 6 | 311 | cp, py, po | Au, Cu, Ni |
| 3c | | B1B6 | 1956 | - | -90 | 6 | 297 | cp, py, po | |
| 4 | Cobalt Consolidated Mining Corp. Ltd. | C-12 | 1970 | 155 | -47 | 19 | 256 | S | Cu, Ni |

GDIT FORM NO. 1

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 5a | Cobalt Consolidated Mining Corp. Ltd. | C-6 | 1967 | 330 | -45 | 6.5 | 133 | py, cp, tour | Au, Cu |
| 5b | | C-7 | 1967 | 180 | -45 | 6.5 | 144.5 | py, cp, tour | Au |
| 6 | Cobalt Consolidated Mining Corp. Ltd. | C-5 | 1965 | 156 | -45 | 10 | 306 | py, cp | |
| 7 | Temagami Mining Co. Ltd. | G-8 | 1956 | 320 | -54 | 33 | 398 | py | |
| 8 | Temagami Mining Co. Ltd. | G-9 | 1956 | 335 | -54 | 32 | 283.5 | py | |
| 9 | Candela Development Co. Ltd. | T-1 | 1952 | 149 | -45 | 8 | 389 | py, cp, hem, po, | Au, Cu, Co, Zn |
| 10a | Diadem Mines Ltd. | DDH #1 | 1956 | 135 | -45 | 10 | 290 | py, cp | Cu, Ni |
| 10b | | DDH #2 | 1956 | 180 | -45 | 8 | 271.5 | cp | Cu, Ni |
| 10c | | DDH #3 | 1956 | 160 | -45 | 8 | 318 | cp, py | Cu, Ni |
| 10d | | DDH #4 | 1956 | 160 | -45 | 4 | 303 | cp, py | Cu, Ni |
| 10e | | DDH #9 | 1956 | - | -90 | 2 | 340 | cp, py | Cu, Ni |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 10f | Diadem Mines Ltd. (continued) | DDH #10 | 1956 | 357 | -45 | 7 | 300 | cp, py | |
| 10g | | DDH #11 | 1956 | - | -90 | 4 | 552 | cp, py | |
| 10h | | DDH #12 | 1956 | 160 | -45 | 8 | 426 | cp, py | Cu, Ni |
| 10i | | DDH #13 | 1956 | 160 | -70 | 8 | 447 | cp, py, mag | Cu, Ni |
| 11 | Diadem Mines Ltd. | DDH #5 | 1956 | 160 | -45 | 5 | 304 | py, cp | Cu, Ni |
| 12 | Diadem Mines Ltd. | DDH #6 | 1956 | 160 | -45 | 6 | 300 | py | |
| 13 | Diadem Mines Ltd. | DDH #7 | 1956 | 160 | -45 | 4 | 323 | py, cp | Cu, Ni |
| 14 | Diadem Mines Ltd. | DDH #8 | 1956 | 120 | -45 | 3 | 301.5 | py, cp | Cu, Ni |
| 15 | Geo-Scientific Prospectors Ltd. | C-1 | 1960 | 157 | -45 | 6.5 | 372 | py | |
| 16 | Geo-Scientific Prospectors Ltd. | C-2 | 1960 | 157 | -45 | 21 | 346 | py, cp | |

GDIF FORM NO. 1

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 17 | Geo-Scientific Prospectors Ltd. | C-3 | 1960 | 157 | -45 | 62 | 280 | py | |
| 18 | Geo-Scientific Prospectors Ltd. | C-4 | 1960 | 160 | -45 | 31 | 319 | py, cp | |
| 19a | Firby | F1 | 1955 | 245 | -60 | 10 | 90.3 | py, po, cp | |
| 19b | | F2 | 1955 | 180 | -45 | 6 | 62 | py, po, cp | Au, Cu |
| 19c | | F3 | 1955 | - | -90 | 1 | 50 | po, cp | Au, Cu |
| 19d | | F4 | 1955 | 238 | -30 | 12 | 31 | po, py, cp | |
| 20 | Firby | F5 | 1955 | 145 | -45 | 8 | 36 | | |
| 21 | Firby | F6 | No data | | | | | | |
| 22 | Firby | T4 | 1957 | 138 | -45 | 0 | 402 | | |
| 23 | Foxdale Mines Ltd. | S-1 | 1972 | 180 | -45 | 28 | 600 | py | |
| 24 | Foxdale Mines Ltd. | S-2 | 1972 | 180 | -45 | 27 | 400 | py | |

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 25a | Vinnie Mines Ltd. | V1 | 1970 | 000 | -60 | 4 | 117 | po, cp | |
| 25b | | V2 | 1970 | 000 | -60 | 4 | 106 | po, cp | |
| 26 | Vinnie Mines Ltd. | V3 | | 000 | -60 | 4 | 102 | py, po, cp | |
| 27 | Halonen, John E. | T1 | 1977 | 275 | -45 | 0 | 100.4 | | |
| 28 | Halonen, John E. | T2 | 1977 | 118 | -45 | 0 | 100.6 | cp, py | |
| 29 | MacWilliam, E. | 1 | 1956 | - | -90 | 0 | 72 | | |
| 30a | MacWilliam, E. | 2 | 1956 | - | -45 | 0 | 79 | | |
| 30b | | 3 | 1956 | - | -45 | 0 | 65 | | |
| 31 | MacWilliam, E. | 4 | 1956 | - | -70 | 0 | 31 | | |
| 32 | McCall | No. 1 | 1957 | 180 | -16 | 0 | 302 | IF, mag, ch, jas | |

GDI FORM NO. 1

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 33 | McCall | No. 2 | 1959 | 180 | -32 | 0 | 520 | gf, S, mag, ch | |
| 34 | McCall | No. 3 | 1959 | 180 | -35 | 2 | 426 | gf, py, IF | |
| 35 a | New Minda-Scotia Mines Ltd. | A-1 | 1957 | 148 | -35 | 10 | 1536 | cp, py, hem, mi | |
| 35b | | A-2 | 1957 | 148 | -45 | 10 | 946 | py, po, cp, mag | |
| 36 | New Minda-Scotia Mines Ltd. | A-3 | 1957 | 148 | -75 | 8 | 366 | py, cp, gf | Cu, Ni |
| 37 | Nickel Rim Mines Ltd. | S-1 | 1966 | 250 | -45 | 10 | 232 | py | Au, Ag, Cu, Ni |
| 38 | Nickel Rim Mines Ltd. | S-2 | 1966 | 160 | -55 | 70 | 638 | py, cp | Au, Ag, Cu, Ni |
| 39 | Nickel Rim Mines Ltd. | S-3 | 1966 | 330 | -45 | 19 | 462 | py, cp | Au, Ag, Cu, Ni |

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 40 | Nickel Rim Mines Ltd. | S-4 | 1966 | 160 | -45 | 10 | 250 | py | Au, Ag, Cu, Ni |
| 41 | Nickel Rim Mines Ltd. | S-5 | 1966 | 160 | -55 | 95 | 510 | py, po, cp | Au, Ag, Cu, Ni |
| 42 | Nickel Rim Mines Ltd. | S-6 | 1966 | 160 | -45 | 10 | 304 | py, cp | Au, Ag, Cu, Ni |
| 43 | Candela Development Co. Ltd. | T-2 | 1952 | 165 | -45 | 2.5 | 291.5 | cp, py, hem | |
| 44a | Candela Development Co. Ltd. | T-3 | 1952 | 165 | -45 | 3.5 | 296 | py, cp | Au, Cu, Ni |
| 44b | | T-4 | 1952 | 166 | -45 | 7.5 | 155 | py, po, cp | Au, Cu, Ni |
| 45a | Royal Mining Corp. | S-1 | 1973 | 190 | -45 | 9 | 200 | ch, po, py | |
| 45b | | S-2 | 1973 | 010 | -45 | 9 | 200 | po | |
| 46a | Smith, Danielson, Lee | S-1 | 1956 | 255 | -50 | 0 | 35 | py, po, cp | Cu |

GDH FORM NO. 1

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 46b | Smith, Danielson, Lee | 5 | 1959 | 180 | -45 | 0 | 75 | gf, ch, po, cp | |
| 47 | Smith, Danielson, Lee | S-2 | 1956 | 255 | -45 | 0 | 28.5 | jas | |
| 48 | Smith, Danielson, Lee | S-3 | 1956 | 070 | -45 | 0 | 50 | jas, py, po | |
| 49a | Smith, Danielson, Lee | 3 | 1959 | 300 | -45 | 2.5 | 175 | py, cp | |
| 49b | | 4 | 1959 | 346 | -30 | 0 | 150 | py, cp | |
| 50 | St. Joseph Explorations Ltd., Lowell Lake | 189-1 | 1978 | 020 | -55 | 2.1 metres | 220.98 metres | py, po, sp | Ag, Au, Cu, Pb, Zn |
| 51 | St. Joseph Explorations Ltd., Lowell Lake | 189-2 | 1978 | 270 | -39 | 7.3 metres | 99.97 metres | py, cp, hem, mag | Ag, Au, Cu, Zn |
| 52 | St. Joseph Explorations Ltd., Lowell Lake | 189-3 | 1978 | 020 | -45 | 1.2 metres | 77.72 metres | py, po, cp, sp, mi | Ag, Au, Cu, Pb, Zn |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 53 | St. Joseph Explorations Ltd., Lowell Lake | 189-4 | 1978 | 020 | -46 | 7.3 metres | 182.6 metres | po, mi, py, cp | Ag, Au, Cu |
| 54 | St. Joseph Explorations Ltd., Lowell Lake | 189-5 | 1978 | 200 | -50 | 3.4 metres | 257.9 metres | py, po, cp | Ag, Au, Cu, $SiO_2$, $TiO_2$, MgO, $Na_2O$, $Fe_2O_3$ |
| 55 | St. Joseph Explorations Ltd., Wagkich Lake | 133.1-1 | 1978 | 358 | -60 | 3.35 metres | 232.25 metres | py, cp, gn, sp, po | Ag, Au, Cu, Pb, Zn, $SiO_2$, $TiO_2$, MgO, $Fe_2O_3$, $Na_2O$ |
| 56 | St. Joseph Explorations Ltd., Wagkich Lake | 133.1-2 | 1978 | 178 | -45 | 8.0 metres | 196.9 metres | cp, po, mi, sp, py, gn | Ag, Au, Cu, Zn, Pb, $SiO_2$, MgO, $TiO_2$, $Fe_2O_3$, $Na_2O$ |
| 57 | Strathagami Mines Inc. | B-1 | 1960 | 168 | -45 | 12 | 363 | py, gf, IF, ch, mag, cp, jas | |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 58 | Strathagami Mines Inc. | B-2 | 1960 | 168 | -45 | 8 | 676 | ch, py, gf, mag, IF, jas | |
| 59 | Strathagami Mines Inc. | B-3 | 1960 | 168 | -45 | 10 | 483 | ch, gf, py, mag, jas, IF | |
| 60 | Strathagami Mines Inc. | B-4 | 1960 | 168 | -45 | 8 | 383 | gf, py, ch, mag, jas, IF | |
| 61 | Strathagami Mines Inc. | B-5 | 1960 | 168 | -45 | 14 | 401 | ch, gf, py, mag, IF | |
| 62 | Strathagami Mines Inc. | B-6 | 1961 | 168 | -45 | 2 | 800 | py | |
| 63 | Strathagami Mines Inc. | B-7 | 1961 | 168 | -45 | 5 | 320 | gf, py, ch, mag, IF, jas | |
| 64 | Strathagami Mines Inc. | B-8 | 1961 | 168 | -45 | 21 | 248 | ch, IF, py, mag, jas | |
| 65 | Strathagami Mines Inc. | B-9 | 1961 | 168 | -45 | 5 | 228 | mag, ch, IF, jas, py | |

GDII FORM NO. 1

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 66 | Strathagami Mines Inc. | B-10 | 1961 | 1968 | -60 | 44 | 342 | py, gf, ch, mag, IF, jas | |
| 67 | Strathagami Mines Inc. | B-11 | 1961 | 168 | -45 | 7 | 236 | ch, mag, IF, jas, py | |
| 68 | Strathagami Mines Inc. | B-12 | 1961 | 168 | -45 | 8 | 229 | mag, ch, jas, IF, py | |
| 69 | Strathagami Mines Inc. | B-14 | 1961 | 168 | -45 | 16 | 197 | ch, mag, IF, py, jas | |
| 70 | Strathagami Mines Inc. | B-15 | 1961 | 168 | -45 | 5 | 172 | mag, ch, IF | |
| 71 | Strathagami Mines Inc. | B-16 | 1961 | 168 | -45 | 11 | 216 | ch, IF, py, mag, jas | |
| 72 | Strathagami Mines Inc. | D-1 | 1961 | 000 | -45 | 26 | 201 | py, po | |
| 73 | Strathagami Mines Inc. | D-2 | 1961 | 000 | -50 | 30 | 201 | py, po, gf | |

GDIF FORM No. 1

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 74 | Strathagami Mines Inc. | D-3 | 1961 | 168 | -45 | 3 | 200 | py, po, cp | |
| 75 | Sherman Mine | 68-3 | 1968 | 000 | -90 | 4.5 | 136 | py | |
| 76a | Sherman Mine | 78-2 | 1978 | 180 | -52 | 56 | 250 | py, mag, IF, jas, hem | Mag Fe, $SiO_2$, $K_2O$ |
| 76b | | 78-13 | 1978 | 180 | -45 | 40 | 471 | py, mag, ch, IF, hem | Mag Fe, $SiO_2$, $K_2O$ |
| 77a | Sherman Mine | 78-12 | 1978 | 180 | -45 | 36 | 397 | mar, ch, IF, py, jas, hem | Mag Fe, $SiO_2$, $K_2O$ |
| 77b | | 81-8 | 1981 | 162 | -50 | 18 | 501 | ch, mag, IF, py, jas | Mag Fe, $SiO_2$, $K_2O$ |
| 77c | | 78-3 | 1978 | 180 | -45 | 24 | 380 | py, mag, IF, jas, ch, hem | Mag Fe, $SiO_2$, $K_2O$ |
| 78a | Sherman Mine | 81-9 | 1981 | 162 | -50 | 70 | 502 | gf, py, ch, mag, IF, jas | Mag Fe, $SiO_2$, $K_2O$ |

GDI FORM NO. 1

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth | Initial Dip of Hole | Thickness of Overburden | Total Length of Hole | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 78b | Sherman Mine | 78-11 | 1978 | 180 | -45 | 82 | 497 | gf, mar, py, ch, mag, IF, jas | Mag Fe, $SiO_2$, $K_2O$ |
| 79a | Sherman Mine | 81-10 | 1981 | 172 | -50 | 76 | 448 | ch, mag, IF, jas | Mag Fe, $SiO_2$, $K_2O$ |
| 79b | | 78-1? | 1978 | 180 | -50 | 54 | 322 | ch, py, gf, hem, mag, IF, jas, | Mag Fe, $SiO_2$, $K_2O$ |
| 79c | | 78-4 | 1978 | 180 | -81 | 58 | 370 | jas, mag, IF, py, hem | Mag Fe, $SiO_2$, $K_2O$ |
| 80a | Sherman Mine | 78-7 | 1978 | 180 | -53 | 68 | 350 | py, mag, ch, IF, hem, jas | Mag Fe, $SiO_2$, $K_2O$ |
| 80b | | 78-6 | 1978 | 180 | -52 | 44 | 360 | jas, mag, IF, py, hem, ch | Mag Fe, $SiO_2$, $K_2O$ |
| 80c | | 81-14 | 1981 | 162 | -50 | 78 | 361 | gf, ch, py, IF | |
| 80d | | 81-11 | 1981 | 162 | -50 | 58 | 528 | gf, py, jas, ch, mag, IF | Mag Fe, $SiO_2$, $K_2O$ |

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 81a | Sherman Mine | 78-8 | 1978 | 180 | -45 | 20 | 377 | ch, mag, IF, py, hem | Mag Fe, $SiO_2$, $K_2O$ |
| 81b | | 78-5 | 1978 | 180 | -45 | 48 | 420 | jas, mag, IF, py | Mag Fe, $SiO_2$, $K_2O$ |
| 81c | | 81-12 | 1981 | 162 | -50 | 30 | 328 | ch, jas, mag, IF | Mag Fe, $SiO_2$, $K_2O$ |
| 81d | | 81-13 | 1981 | 162 | -50 | 24 | 568 | gf, py, ch, mag, IF, jas | Mag Fe, $SiO_2$, $K_2O$ |
| 81e | | 78-9 | 1981 | 180 | -45 | 37 | 407 | jas, mag, IF, hem, ch, py | Mag Fe, $SiO_2$, $K_2O$ |
| 82a | Sherman Mine | 79-16 | 1979 | 180 | -50 | 47 | 528 | py, gf, ch, jas, IF, mag, hem | Mag Fe, $SiO_2$, $K_2O$ |
| 82b | | 79-17 | 1979 | 180 | -50 | 47 | 578 | gf, py, mar, ch, hem, mag, IF | Mag Fe, $SiO_2$, $K_2O$ |
| 83a | Sherman Mine | 79-15 | 1979 | 180 | -50 | 26 | 497 | gf, py, mag, IF, hem, ch | Mag Fe, $SiO_2$, $K_2O$ |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 83b | Sherman Mine | 79-1 | 1979 | 180 | -45 | 16 | 490 | py, mag, jas, IF, mi | Mag Fe, $SiO_2$, $K_2O$ |
| 84a | Sherman Mine | 79-2 | 1979 | 180 | -45 | 7 | 300 | ch, py, mag, IF, | Mag Fe, $SiO_2$, $K_2O$ |
| 84b | | 79-3 | 1979 | 180 | -45 | 16 | 327 | py, mag, ch, IF | Mag Fe, $SiO_2$, $K_2O$ |
| 85a | Sherman Mine | 79-4 | 1979 | 180 | -45 | 10 | 58 | ch, mag, IF, py | Mag Fe, $SiO_2$, $K_2O$ |
| 85b | | 79-4A | 1979 | 180 | -50 | 9 | 397 | ch, IF, mag, py | Mag Fe, $SiO_2$, $K_2O$ |
| 85c | | 79-5 | no logs | available | | | | | |
| 85d | | 79-6 | no logs | available | | | | | |
| 86a | Sherman Mine | 79-7 | no logs | available | | | | | |
| 86b | | 79-8 | no logs | available | | | | | |
| 86c | | 75-1 | no logs | available | | | | | |
| 86d | | 79-9 | no logs | available | | | | | |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 86e | Sherman Mine | 75-2 | no logs | available | | | | | |
| 86f | | 79-10 | no logs | available | | | | | |
| 86g | | 75-3 | no logs | available | | | | | |
| 86h | | 75-4 | no logs | available | | | | | |
| 87 | Sherman Mine | 79-12 | no logs | available | | | | | |
| 88 | Cliffs of Canada (Sherman Mine) | 78-17 | 1978 | 180 | -50 | 20 | 368 | py, hem, IF | |
| 89 | Cliffs of Canada (Sherman Mine) | 79-11 | 1979 | 180 | -50 | 5 | 207 | py | |
| 90a | Stull, Wm. Walter | 1 | 1917 | - | -44 | - | 262 | no logs available | |
| 90b | | 2 | 1917 | - | -90 | - | 68 | " | " |
| 90c | | 3 | 1917 | - | -90 | - | 55 | " | " |
| 90d | | 4 | 1917 | - | -90 | - | - | " | " |
| 90e | | 5 | 1917 | - | -90 | - | 40 | " | " |
| 90f | | 6 | 1917 | - | -90 | - | - | " | " |
| 90g | | 7 | 1917 | - | | - | - | " | " |
| 90h | | 8 | 1917 | - | -90 | - | - | " | " |

GDII FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 91a | Trebor Mines Ltd. | P-1 | 1955 | 340 | -40 | 7 | 199 | py, po, cp, sp, gn | |
| 91b | | P-2 | 1955 | 300 | -44 | 8 | 163 | py, po, sp, cp, asp | |
| 92 | Trebor Mines Ltd. | P-3 | 1956 | 294 | -45 | 5.5 | 303 | py, po, cp | |
| 93 | Trebor Mines Ltd. | P-4 | 1956 | 270 | -48 | 8 | 370 | py, po, cp | |
| 94 | Trebor Mines Ltd. | P-5 | 1956 | 090 | -45 | 8 | 399 | po, py, cp, sp | |

GDIF FORM NO. 1

STRATHCONA TOWNSHIP

# DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth | Initial Dip of Hole | Thickness of Overburden | Total Length of Hole | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

GDIF FORM NO. 3

## AIRBORNE GEOPHYSICAL SURVEY DATA

| No. | By / For | Type of Survey | Flight Altitude | Flight Line Direction | Flight Line Spacing |
|---|---|---|---|---|---|
| 6 | Dighem Ltd. Survey for Copperfields Mining Corp. Ltd. AFRO #63.2790 | Airborne Electromagnetic Dighem survey | 110' | N-S | 1/8 mile |
| 33 | Geophysical Engineering & Surveys Ltd. for Keevil Mining Group Ltd. AFRO #63.1764 | Electromagnetic & Magnetic | 75' | N 25 W | 1/8 mile |

GDIF FORM NO. 1

| Map Sample Site Reference Number | GEOCHEMICAL SURVEY DATA | | By | Reference |
|---|---|---|---|---|
| | Type of Survey | Analysis For | | |
| 24 | Soil samples collected | Au, As<br><br>Cu, Zn, Ag | X-Ray Laboratories by neutron activation<br><br>Bell-White Laboratories by atomic absorption, 1980 | Strathcona Twp. AF, St. Joseph Explorations Ltd. |
| | Soil samples | $SiO_2$, $TiO_2$, $K_2O$, MgO, Au, Cu, Zn | Riocanex (1971) | Strathcona Twp. AF, St. Joseph Explorations Ltd. 1977 magnetometer report |

GDIF FORM NO. 5

# MISCELLANEOUS DATA

## AGE DATING

| Site | Method | Material | Reference | Result |
|---|---|---|---|---|
| | No data available as of | | February 27, 1984. | |

# NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Cobalt

Candela Development Co. Ltd.
Cobalt Consolidated Mining Corp. Ltd.
Sherman Mine
Dofasco Iron Mines
Mayfair Mines
Dominion Foundaries & Steel
Ibsen Cobalt Silver Mines Ltd.
Diadem Mines
Milestone Exploration
Nickel Rim Mines
Niemetz, O.J.
Normalloy Explorations
Temanda Mines
Temco Mines

# ODM GENERAL INDEX SEARCH

**Words searched:**

Agnico Mines
Andoney, P.J.
Armex Ltd.
Armstrong, James E.
Byberg-Wilkinson
Candela Development Co. Ltd.
Cliffs of Canada Ltd.
Cobalt Consolidated Mining Corp. Ltd.
Copperfields Mining Corp. Ltd.
Diadem Mines Ltd.
Dominion Foundaries & Steel Co. Ltd.

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| 1. | Northeast Arm, Timagami Lake | | | |
| | Gneiss | 1 | | 69 |
| | Stull, W.W. | | | |
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| | Analysis of feldspar | * 7 | | 147 |
| | Jasper conglomerate found by, N of Hutton Twp. | *10 | | 186 |
| | Tetapaga Lake, Timagami Lake reg. | | | |
| | Iron ore near | *10 | | 201 |
| | jaspilite | *10 | | 167 |
| | Timagami Iron Range, Nip. | | | |
| | See also Timagami Lake | | | |
| | Analyses | *10 | | 180 |
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| | | *16 | 2 | 30 |
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| | Hematite | *RC[2] | | 56 |
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| | | *19 | 1 | 163-165 |
| | Gröndel process | *17 | | 289 |
| | notes | *19 | 1 | 159 |
| | smelting, cost of | *19 | 1 | 158 |

GDIF FORM NO. 8

# ODM GENERAL INDEX SEARCH

**Words searched:**

Firby, L.C.
Foxdale
Geo-Scientific Prospectors Ltd.
Graber, Karl
Halonen, John E.
Herridge Creek
Herridge Lake
Jessie Lake
Johnson, Harold O.
Karol Lake
Keevil Mining Group Ltd.
Lebel

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| 1. | Timagami Iron Range, Nip. (continued) | | | |
| | Magnetite | *N.O. | | 88 |
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| | Map, coloured, with | *10 | | |
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| | Report by Miller | 10 | | 160-180 |
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| 2. | Northeast Arm, Timagami Lake | | | |
| | Iron ore N. of, notes and analyses | *I.O.[3] | | 213 |
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| | Rocks | *34 | 3 | 8 |
| | See also map 34b with | *34 | 3 | |
| | Strathcona Twp., Sud. | | | |
| | See Pingue l.; Timagami l. | | | |
| | Timagami Lake, Strathy and Strathcona Twps. | | | |
| | See also Austin Bay | | | |
| | Iron ore in area, notes and analysis | *I.O. | | 213, 215 |
| | Rocks, iron formation, notes by Barlow | *31 | 2 | 326 |
| | volcanic | *35 | 3 | 85 |
| | See also map 34b with | *35 | 3 | |

# ODM GENERAL INDEX SEARCH

**Words searched:**

Lowell Lake
MacWilliam, E.
McCall
Maille Lake
Manbar Explorations Ltd.
Metron Exploration Ltd.
Milestone Mines Ltd.
Neil, J.P.
New Minda-Scotia Mines Ltd.
Niemetz Base Metal Mines Ltd.
Northeast Arm, Timagami Lake
O'Connor Island

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| 2. | Wagkich Lake, Strathcona Twp. | | | |
| | Rocks, See map 34b with | *34 | 3 | |
| 4. | Ferguson Island, Timagami l. | | | |
| | Gold near | 51 | 6 | 42 |
| | Rocks | 51 | 6 | 21 |
| | Ferguson point, Timagami l. | | | |
| | Sulphides | 51 | 6 | 38 |
| | Herridge Lake, Strathcona Twp. | | | |
| | Rocks | 51 | 6 | 17 |
| | Lowell Lake, Strathcona Twp. | | | |
| | Rocks | 51 | 6 | 17, 20 |
| | Topography | 51 | 6 | 4 |
| | O'Connor Island, Timagami l. | | | |
| | Gold near | 51 | 6 | 42 |
| | Rocks | 51 | 6 | 19, 21 |
| | Strathcona Twp., Nip. | | | |
| | Mining claims | 51 | 6 | 38 |
| | Pyrite depos | 51 | 6 | 25 |
| | Rocks | 51 | 6 | 7-9<br>14-21 |
| | Tetapaga L., W. of Timagami | | | |
| | Rocks, structure | 51 | 6 | 4, 21 |
| | Timagami Iron Range, Nip. | | | |
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| | N.E. portion, report on by W.W. Moorhouse | 51 | 6 | |

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# ODM GENERAL INDEX SEARCH

**Words searched:**

Perron Gold MInes Ltd.
Pingue Lake
Portage Bay
Royal Mining Corp.
Sabourin, R.
St. Joseph Explorations Ltd.
Savard, L.
Schubert, Irwin
Sherman Mine
Strathagami Mines Ltd.
Strathcona Township
Stull, Wm. Walter

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| 4. | Trebor Mines Ltd. | | | |
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| | Incorporated | 57 | 1 | 48 |
| | Turtle Lake, W. of Timagami | | | |
| | Faults | 51 | 6 | 11 |
| | Iron claims near | 51 | 6 | 22 |
| | Rocks, notes and photo | 51 | 6 | 5, 6 |
| 5. | Candela Development Co. Ltd. | | | |
| | Licensed | 61 | 1 | 49 |
| | Cobalt Consolidated Mining Corp. Ltd. | | | |
| | See also Agauncio s.m. | | | |
| | Capital; officers; operations: | | | |
| | (1953) | 63 | 2 | 128-132 |
| | (1954) | 64 | 2 | 124-127 |
| | Fires at mine (1953) | 63 | 1 | 79 |
| | (1954) | 64 | 2 | 78 |
| | Incorporated | 63 | 1 | 57 |
| | Mill acquired by Coballoy Mines and Refiners | 64 | 1 | 124 |
| | Geo-Scientific Prospectors Ltd. | | | |
| | Incorporated | 62 | 1 | 60 |
| | Graber, Karl | | | |
| | of Beaucage Mines | 64 | 2 | 119 |
| | Temagami Mining Co. Ltd. | | | |
| | Incorporated | 62 | 1 | 59 |
| | | 64 | 1 | 58 |

# ODM GENERAL INDEX SEARCH

Words searched:

Temanda Mines
Temagami Mining Co. Ltd.
Tetapaga Lake
Tetapaga Mining Co. Ltd.
Tetapaga River
Timagami Iron Range
Timagami Lake
Trebor Mines Ltd.
Turtle Lake
Upper Twin Lake
Vinnie Mines Ltd.
Wagkich Lake

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| 6. | Armstrong, J.E. | | | |
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| | Cobalt Consolidated Mg. Corp. | 66 | 2 | 125 |
| | Cross Lake O'Brien s.m. | 69 | 2 | 98 |
| | Langis Silver and Cobalt Mining Co. | 69 | 2 | 99 |
| | Cliffs of Canada Ltd. | | | |
| | Incorporated | 67 | 1 | 31 |
| | Diadem Mines Ltd. | | | |
| | Change of name | 65 | 1 | 38 |
| | Graber, Karl | | | |
| | of Beaucage Mines | 65 | 2 | 121 |
| | | 66 | 2 | 120 |
| | | 67 | 2 | 125 |
| | Nova Beaucage Mines | 69 | 2 | 92 |
| | Keevil, N.B. | | | |
| | of Pickle Crow Gold Mines | 68 | 2 | 54 |
| | | 69 | 2 | 54 |
| | Teck-Hughes Gold Mines | 69 | 2 | 61 |
| | Temagami Mg. Co. | 65 | 2 | 120 |
| | | 66 | 2 | 7 |
| | | 67 | 2 | 8 |
| | | 68 | 2 | 4 |
| | | 69 | 2 | 4 |
| | Willroy Mines | 69 | 2 | 7 |
| | Milestone Mines Ltd. | | | |
| | Incorporated | 66 | 1 | 33 |
| | New Minda-Scotia Mines Ltd. | | | |
| | Change of name | 65 | 1 | 38 |

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Wright, R.J.
Young, E.J.

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| 6 | Strathcona Twp., Nip. | | | |
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| | | 69 | 2 | 95 |
| | Temanda Mines Ltd. | | | |
| | Incorporated | 66 | 1 | 34 |
| | Temagami Mining Co. Ltd. | | | |
| | Capital; officers; operations: | | | |
| | (1955) | 65 | 2 | 120 |
| | (1956) | 66 | 2 | 7 |
| | (1957) | 67 | 2 | 8 |
| | (1958) | 68 | 2 | 64 |
| | (1959) | 69 | 2 | 4 |
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| 7 | Armstrong, J.E. | | | |
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| | of Alexandra s.m. | 72 | | 137 |
| | of Cross Lake O'Brien s.m. | 70 | | 113 |
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| 7 | Cobalt Consolidated Mining Corp. Ltd. | | | |
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| | Silver-cobalt mine, Coleman Twp., report on (1957) | MRC 2 | | 107 |
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| | Copper showing, Strathcona Twp., report on (1957) | MRC 2 | | 108 |
| | Firby, L.C. | | | |
| | Copper property, Strathcona Twp., report on (1957) | MRC 2 | | 108 |
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| | Milestone Mines Ltd. | | | |
| | Copper deposit, Strathcona Twp., report on (1957) | MRC 2 | | 110 |
| | Perron Gold Mines Ltd., | | | |
| | Copper showing, Strathcona Twp., report on (1957) | MRC 2 | | 114 |
| | Strathcona Twp., Nip. | | | |
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# ODM GENERAL INDEX SEARCH

Words searched:

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| 7 | Temagami Mining Co. Ltd. | | | |
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| | Properties, Phyllis Twp., | | | |
| | report and plan | GR 28 | | 25-28 |
| | Metal reports on | MRC 1 | | 64 |
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| | * Out of Print | | | |
| | N.O. Report of the Survey and Exploration of Northern Ontario, 1900 | | | |
| | R.C. Report of the Royal Commission on the Mineral Resources of Ontario | | | |
| | I.O. Report of the Iron Ore Committee | | | |

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | REGIONAL GEOLOGICAL COMPILATION MAPS | | |
| Card, K.D. et al | 1971 | Sudbury-Cobalt Sheet; Algoma, Manitoulin, Nipissing, Parry Sound, Sudbury & Timiskaming Districts, Ontario | ODMNA Map 2188 | 1:253 440 |
| Card, K.D., Lumbers, S.B. | 1977 | Sudbury-Cobalt, NTS 31L/W, 31M/SW, 41I, 41P/S, Sudbury & AL 5 Districts, Ontario | OGS Map 2361 | 1:253 440 |
| | | GEOPHYSICAL MAPS | | |
| | 1965 | Timagami, Ontario, NTS 31M/4, aeromagnetic | GSC Geophysical Paper 1491<br>GSC Map 1491G | 1:63 360 |
| | 1965 | Ingall Lake, Ontario, NTS 31L/13, aeromagnetic | GSC Geophysical Paper 1490<br>GSC Map 1490G | 1:63 360 |
| GSC-OGS | 1978 | Airborne gamma-ray spectrometry maps and profiles, Ville Marie Sheet | MNR Maps 80411-80425 | 1:250 000 |
| Gupta, V.K., Wadge, D.R. | 1980 | Bouger Gravity and Generalized Geological Map, Temagami-Englehart Area, Districts of Timiskaming, Nipissing and Sudbury | OGS Map P. 2296 | 1:100 000 |
| Gupta, V.K., Grant, F.S., Boud, A. | 1981 | A Gravity Study in North-Central Ontario, Districts of Sudbury, Nipissing and Timiskaming; in J. Wood et al, editors, Summary of Field Work, 1981 by the OGS | OGS MP 100 | No. 26 pp. 160-164 |

GDIF FORM NO.9

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | GEOPHYSICAL MAPS | | |
| Gupta, V.K. | 1982 | Gravity and Aeromagnetic Studies in North-Central Ontario: A Progress Report; in J. Wood et al, editors, Summary of Field Work, 1982 by the OGS | OGS MP 106 | No. 24 pp. 165-167 |
| Mansinha, L., Wilkinson, D.A. | 1983 | Interpretation of Gravity Data from New Liskeard, Ontario; Ontario Geoscience Research Grant Program, Grant No. 109 | OGS OFR 5440 | |
| | | Aeromagnetic | GSC Map 7075G | 1:253 440 |
| | | Aeromagnetic | GSC Map 7066G | 1:253 440 |
| | | Earth Physics Branch Gravity Map Series | EPB Maps No. 84 and 134 | 1:500 000 |
| | | SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING | | |
| | 1951 | Haileybury, Ontario, topographic | NTS 31M/SW | 1:126 720 |
| | 1960 | Ingall Lake, Ontario, topographic | NTS 31L/13 WEST | 1:50 000 |
| | 1973 | Timagami, Ontario, topographic | NTS 31M/4 WEST | 1:50 000 |
| | 1976 | Ville Marie, Quebec & Ontario, topographic | NTS 31/M | 1:250 000 |
| | 1978 | North Bay, Ontario, topographic | NTS 31/L | 1:250 000 |
| Roed, M.A. | 1979 | Haileybury, NTS 31M/SW | NOEGTS 90 OGS Map 5024 | 1:100 000 |
| Gartner, J.F. | 1980 | Tomiko, NTS 31L/NW | NOEGTS 96 OGS Map 5040 | 1:100 000 |

GDIF FORM NO.9

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING | | |
| | 1982 | Ontario Basic Map Sheet | MNR Maps<br>20 17 5800 52000<br>20 17 5900 52000<br>20 17 5800 52100<br>20 17 5900 52100 | 1:20 000 |
| Veillette, J.J. | 1983 | Temagami, Ontario, NTS 31M/4, surficial geology | GSC Open File 949 | 1:50 000 |
| | | Tomiko, Ontario, topographic | NTS 31L/NW | 1:126 720 |
| | | Strathcona Township Claim Map | MNR Plan No. M-595 | 1" = 40 ch. |
| | | MINERAL POTENTIAL MAPS | | |
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GDIF FORM NO. 9

# NOTES AND ADDENDA

The exploration data map shows only the most important minerals found at each site. All the minerals noted are listed in the mineral occurrences or the drill hole data. Because of the numerous detailed geophysical surveys, only the strongest anomalies have been recorded to maintain clarity. Refer to the respective assessment files to locate all the anomalies.

On the maps, only areas for which work has been submitted to the Ministry are shown and thus a company may hold, or have held in the past, more ground than is shown.

The township was closed to staking in 1978 due to the Bear Island Indian Caution.

## AIR PHOTOS - on file in Toronto

Only 1977 photos are available for viewing at the Public Service Centre, Rm. 1640, Whitney Block.

Photos can also be ordered from here for the years 1946, 1958 and 1970.

| Year | Roll | Strip | Photo |
|---|---|---|---|
| 1946 | 50 | 131 | 19-26 |
| | 48 | 132 | 79-86 |
| | 46 | 133 | 8-15 |
| | 45 | 134 | 128-136 |
| 1958 | 054 | 4703 | 164-170 |
| | 055 | 4702 | 49-55 |
| | 055 | 4701 | 125-131 |
| | 055 | 4640 | 182-188 |
| 1970 | 37 | 4703 | 97-104 |
| | 37 | 4702 | 32-38 |
| | 49 | 4701 | 155-161 |
| | 40 | 4641 | 22-32 |
| | 40 | 4640 | 80-87 |
| 1977 | 8 | 4703 | 204-210 |
| | 12 | 4702 | 154-161 |
| | 12 | 4701 | 63-69 |
| | 11 | 4641 | 89-96 |
| | 12 | 4640 | 201-207 |



GDIF FORM NO.10

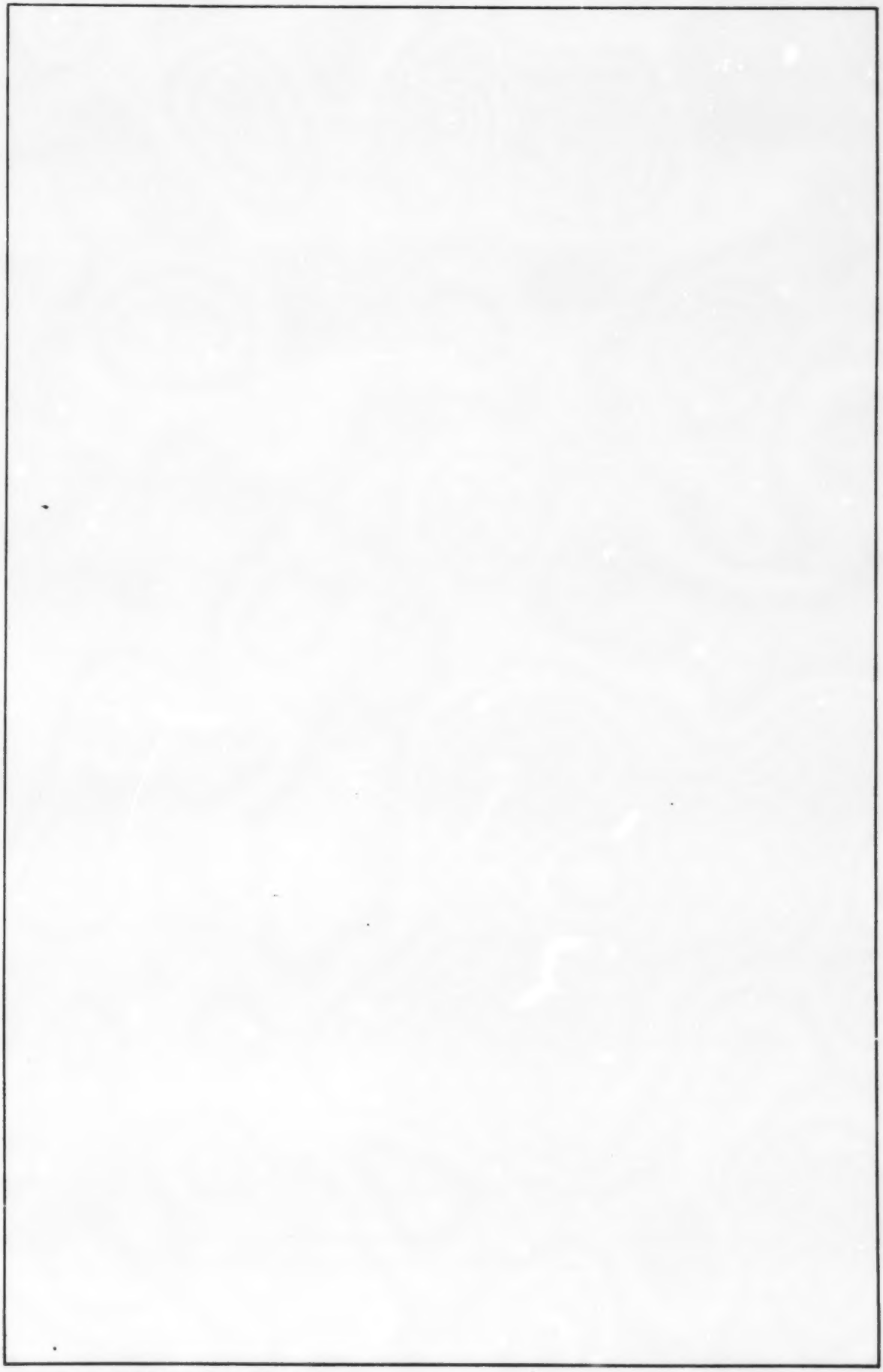
# NOTES AND ADDENDA

Thin Section Samples from OFR 5056

All from Smith, Davidson, Lee Property

Thin Section 497 - schist
Thin Section 498 - schist
Thin Section 500 - schist

# NOTES AND ADDENDA



STRATHCONA TOWNSHIP

MAPS NOT

FILMED

CARTES

OMISES